

Name _____ Date _____ Hour _____

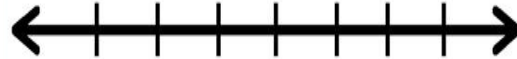
Solving and Graphing Linear Inequalities

Solve and graph each.

1) $-8 \leq x - 14$



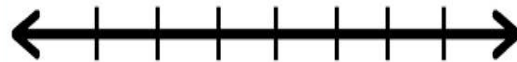
2) $7 - 3x \geq 16$



3) $6x + 7 > 7x - 9$



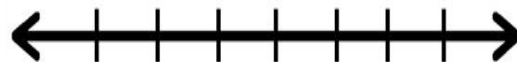
4) $-10 \leq -4x - 18 \leq 30$



5) $2x - 6 < -8$ or $10 - 5x < -19$



6) $12 > 4 - x > -5$



7) $5 < 4x - 11 \leq 13$



8) $x + \frac{1}{2} \leq -\frac{3}{4}$ or $\frac{1}{4}x - 1 > \frac{3}{4}$



Solve each Absolute Value Equation.

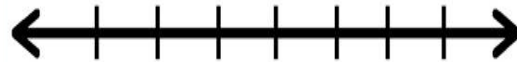
9) $|7 - 2x| = 31$

10) $|-3x - 11| + 5 = -8$

Solve and graph each Absolute Value Inequality.

11) $|2x + 3| > 4$

12) $|5x + 1| - 8 \leq 16$



13) $29 + |4 - 5x| < 48$

14) $|3x + 4| + 6 \geq 14$

